

M. A. Ervin & Associates

MAE-CRC-02



PATENT IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

September 22, 2002

RE: The Application of Charles R. Cutler

Serial No. 10/043,473 Filed: 1/10/2002

Docket Number: MAE-CRC-02 Art Unit 2121

Title: Method of removal of PID dynamics from MPC controller

#4

INFORMATION DISCLOSURE

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Assistant Commissioner for Patents

Washington, DC 20231

Dear Sir:

Transmitted here is an additional disclosure statement in the patent application for Charles R. Cutler for "Method of removal of PID dynamics from MPC models"

Each item of information contained in the information disclosure statement was cited in a communication from the International Searching Authority dated August 5, 2003.

The disclosure elements filed herewith are indicated on the enclosed Information Disclosure Statement by Applicant Transmittal Form PTO/SB/08A.

Also included is the International Search Report and the copies of the listed disclosures.

Please call the undersigned if there are any questions relative to this information.

Respectively submitted:

Michael A. Ervin

Registered Patent Agent for Applicant

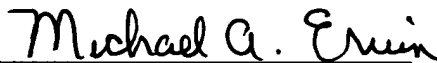
Registry Number 45,711

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CERTIFICATE OF MAILING 37 CFR 1.10

I certify that this correspondence is deposited, on the date set below, with the United States Postal Service as Express Mail under the mailing label set forth below, and addressed to:

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Registry Number 45,711

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	10/043.473
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Filing Date	1/10/2002
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First Named Inventor	Charles R. Cutler
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Art Unit	2121
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Examiner Name

Attorney Docket Number	MAE-CRC-02
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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,056,781 - B1	05-02-2000	Wassick, et. al.	Figs 1-6, 9-10, text
		US- 5,347,446 - B1	09-13-1994	Iino, et. al.	Figs 1,5-8,16,19,23,
		US-			26,29, and text
		US- 6,088,630 - B1	07-11-2000	Cawfield, et. al.	Figs 1-5,11, text
		US-			
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FOREIGN PATENT DOCUMENTS

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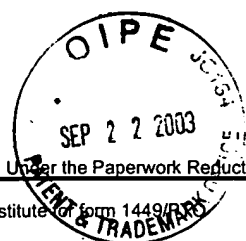
Examiner
Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/043,473
		Filing Date	1/10/2002
		First Named Inventor	Charles R. Cutler
		Art Unit	2121
Examiner Name			
Attorney Docket Number	MAE-CRC-02		
Sheet 2	of 2		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		PATRY, et al. ; Model Predictive Controller Design with Process Constraints and implicit Economic Criteria. IEEE Instr. & Meas. Tech. Conf. May 1997. Pages 559-563	✓

Examiner Signature		Date Considered	
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